

【 Basic Instructions for use of the Hardness Standard Block 】

The standard block is a test piece for daily inspection and indirect verification of the hardness tester. It is possible to check whether the hardness tester is working properly by measuring the block : *Verifying whether the correct hardness value can be obtained and does not vary.*



Store in this condition after use.



With the packaging removed.



Do not touch the front and back surface, just hold the sides. (Wearing cloth gloves is a better).

Remove the rustproof oil *2

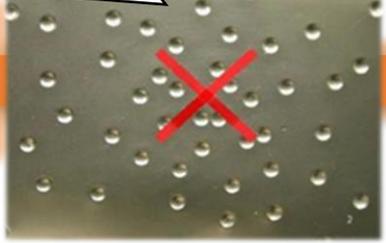


*1Scuh as the HMV model, come in an original case.

Minute rusts, scratches, and stains on the front and back surfaces of the standard block will affect the measured values. Re-grinding, use of the backside, and storage in a humid environment are strictly prohibited!

Replacement
 • Exceeding limit of use.
 • Rust, scratches, dirt.
 • Recommended period of use (within 5 years) has passed.
 etc.

Distance between indentations should be at least 2 indentations in diameter.



Measure according to ISO/JIS. (5 points or more)



Use alcohol and a soft cloth.

Condition check

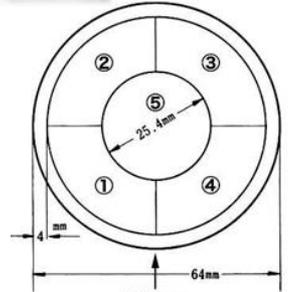


*2Copper and brass blocks are not coated with rustproof oil.

Make sure there are no rust, scratches, or dirt.



第1回測定 The first measurement (n=5)							総合成績 Overall Avg. ばらつき Range R(1~10) 0.2	Hardness Block Certificate	
1	2	3	4	5	$\bar{X}(1\sim5)$	R(1~5)		製品名 HRC 60	製造番号 361-036
60.3	60.2	60.2	60.3	60.2	60.24	0.1	Serial No.	60.3 HRC	
第2回測定 The second measurement (n=5)							平均値 Mean $\bar{X}(1\sim10)$ 60.28	測定者 検査	測定年月日 Date T S 21.8.2 21.07.28
6	7	8	9	10	$\bar{X}(6\sim10)$	R(6~10)		YAMAMOTO SCIENTIFIC TOOL LABORATORY CO.,LTD.	
60.4	60.4	60.3	60.2	60.3	60.32	0.2			



▲ **Marking of the surface**
 (a) Year of manufacture, company name, hardness value
 (b) Serial number

▲ **Certificate (Example of HRC series)**
 The warranty period is 3 years from the date of the inspection stamp.

▲ **Measurement position**
 To avoid bias, it is recommended to divide the test surface into 5 sections.